

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPROVED FOR PTO 13 FEB 2006

In re application of: Xiaoqing JIANG et al.

Group Art Unit: Unassigned

Application No: To be assigned

Confirmation No. Unassigned

Filed: February 13, 2006

Examiner: Unassigned


For: THERMAL OPTICAL TYPE VARIABLE OPTICAL ATTENUATOR AND AN ARRAY TYPE
VARIABLE OPTICAL ATTENUATOR USING SAME**INFORMATION DISCLOSURE STATEMENT**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §§ 1.56, 1.97 and 1.98, Applicant(s) wish to make of record the references listed on the attached form PTO/SB/08 (substitute for PTO-1449). Copies of the listed references are attached, where required, as are either statements of relevancy (☐ attached) or any readily available English translations of pertinent portions of any non-English language references.

- ☒ This Information Disclosure Statement is being filed (a) within three months of the filing date of the subject patent application, OR (b) before the mailing date of a first Office Action on the merits. No certification or fee is required.
- ☐ This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
- ☐ Each item of information contained in this information disclosure statement was cited for the first time in any communication from a foreign patent office in any counterpart foreign application not more than three months prior to the filing of this statement. No fee is required.
- ☐ No item of information contained in this information disclosure statement was cited for the first time in any communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement. No fee is required.
- ☐ A check in the amount of \$180.00 is enclosed under 37 CFR §1.17(p).
- ☐ This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. A check in the amount of \$180.00 is enclosed under 37 CFR §1.17(p).
- ☐ Each item of information contained in this information disclosure statement was cited for the first time in any communication from a foreign patent office in any counterpart foreign application not more than three months prior to the filing of this statement.
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- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 23-2185. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Approved for use through 07/31/2006. OMB 0651-0031

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Complete if Known

Application Number	New Application
Filing Date	February 13, 2006
First Named Inventor	Xiaoqing JIANG et al.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	117386-00108

Sheet	1	of	2
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		WO 02/31587 A2	04/18/2002	Marconi Caswell Limited		
		JP 2002-162654	06/07/2002	Zen Photonics Co. Ltd.		
		JP 2002-023123	01/23/2002	Fujitsu Ltd.		
		JP 04-282602	10/07/1992	Sumitomo Cement Co. Ltd.		

Examiner
Signature

Date
Considered

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Sheet

2

of

2

Application Number

New Application

Filing Date

February 13, 2006

First Named Inventor

Xiaoqing JIANG et al.

Art Unit

Unassigned

Examiner Name

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Attorney Docket Number

117386-00108

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Noh, Y.O., et al., "PLC-Type Variable Optical Attenuator Operated at Low Electrical Power," Electronics Letters, Vol., 36, No. 24 (November 2000) p. 2032-2033	
		International Search Report, November 22, 2004.	

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